IN THE CLAIMS

Please amend the claims as follows:

Claims 1-22 (canceled)

Claim 23 (previously presented): A billing system for determining telecommunications network usage fees, comprising:

a first profile memory area configured to store a dynamic client profile for at least one customer of the telecommunications network, said dynamic client profile indicating an average cost of previous connections of the customer and being derived from at least one random variable of the previous connections;

means for determining the at least one random variable with every new connection;

means for changing the dynamic client profile depending on the determined at least one random variable;

means for determining a usage fee based on the stored dynamic client profile;

a pre-paid amount memory area configured to store a pre-paid money amount associated with the customer; and

means for debiting said usage fee from the pre-paid money amount.

Claim 24 (previously presented): A billing system according to claim 23, further comprising a second profile memory area configured to store an overall client profile, wherein the usage fee is determined from the overall client profile, and wherein the overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

Claim 25 (previously presented): A billing system according to claim 23, wherein the at least one random variable includes at least one of connection duration, time of day, day of the week, and geographic characteristics of the previous connections.

Claim 26 (previously presented): A billing system according to claim 23, wherein the usage fee is determined based on a statistical system load obtained from the overall client profile.

Claim 27 (previously presented): A data carrier, comprising:

means for storing a dynamic client profile for at least one customer of a telecommunications network, said dynamic client profile indicating an average cost of previous connections of the customer and being derived from at least one statistical characteristic of the previous connections of the customer;

means for determining at least one statistical characteristic with every new connection;

means for changing the dynamic client profile depending on the determined at least one statistical characteristic; and

means for determining a usage fee based on the stored dynamic client profile.

Claim 28 (previously presented): A data carrier according to claim 27, further comprising means for storing a statistical dynamic overall client profile, wherein the usage fee is determined from the dynamic overall client profile, and wherein the overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

Claim 29 (previously presented): A data carrier according to claim 27, wherein the at least one statistical characteristic includes at least one of connection duration, time of day, day of the week, and geographic characteristics of previous connections.

Claim 30 (previously presented): A data carrier according to claim 27, wherein the usage fee is dependent on a statistical system load obtained from the overall client profile.

Claim 31 (previously presented): A billing method to determine usage fees which arise through use of a digital telecommunications network, comprising:

determining statistical characteristics of previous connections of a customer;

creating a client traffic distribution curve based on the statistical characteristics;

generating a dynamic client profile based on the client traffic distribution curve;

establishing a new connection by the customer via the digital telecommunications

network; and

calculating a usage fee associated with the new connection before termination of the

new connection.

Claim 32 (previously presented): A billing method according to claim 31, further

comprising:

determining statistical characteristics of previous connections of at least one group of

users, wherein the calculating further includes calculating the usage fee based on said

statistical characteristics of at least one group of users.

Claim 33 (previously presented): A billing method according to claim 31, further

comprising:

storing said dynamic client profile in a memory area of a customer

telecommunications device;

determining at least one random variable associated with the new connection; and

modifying said dynamic client profile based on the at least one random variable.

Claim 34 (previously presented): A billing method according to claim 32, further

comprising:

deriving a dynamic overall client profile, comprising the statistical features of

previous connections of at least one group of customers, from at least one random variable of

previous connections of said at least one group of customers; and

storing said dynamic overall client profile in a memory area of a customer

telecommunications device.

Claim 35 (previously presented): A billing method according to claim 33, further comprising:

updating the client profile so that the dynamic client profile includes a value proportional to average duration price per connection of the customer.

Claim 36 (previously presented): A billing method according to claim 33, further comprising:

updating the dynamic client profile so that the dynamic client profile includes a value proportional to average duration time of a connection of the customer.

Claim 37 (previously presented): A billing method according to claim 33, further comprising:

updating the dynamic client profile so that the dynamic client profile includes a number of connections of the customer in pre-defined classes of duration of customer connection time.

Claim 38 (previously presented): A billing method according to claim 33, further comprising:

updating the client profile to include multi-dimensional functions of random variables of previous connections of the customer of the digital telecommunications network.

Claim 39 (previously presented): A billing method according to claim 33, wherein the creating of the client traffic distribution curve includes using random variables including at least one of connection duration time, time of day, day of the week, and geographic characteristics of previous connections.

Claim 40 (previously presented): A billing method according to claim 34, further comprising:

basing the usage fee on a statistical system load obtained from the overall client profile.

Claim 41 (canceled)

Claim 42 (previously presented): A billing method according to claim 33, further comprising:

informing the customer of said usage fee before establishment of the new connection; and

allowing the customer to interrupt the establishment of the new connection based on the informing.

Claim 43 (previously presented): A method for billing a new connection in a telecommunications network, comprising:

determining group statistical characteristics of previous connections of at least one group of users of the telecommunications network;

determining customer statistical characteristics of previous connections of a customer of the telecommunications network;

deriving a dynamic client profile based on at least one of the group statistical characteristics and the customer statistical characteristics;

storing said dynamic client profile in a memory area of a customer telecommunications device;

establishing a new connection by the customer via the telecommunications network;

calculating, based on the dynamic client profile, a usage fee for the new connection; and

modifying said dynamic client profile based on at least one random variable associated with the new connection.

Claim 44 (previously presented): A billing method according to claim 43, further comprising:

updating the client profile so that the dynamic client profile includes a value proportional to average duration price per connection of the customer.

Claim 45 (previously presented): A billing method according to claim 43, further comprising:

updating the client profile so that the dynamic client profile includes a value proportional to average duration time of a connection of the customer.

Claim 46 (previously presented): A billing method according to claim 43, further comprising:

updating the client profile so that the dynamic client profile includes a number of connections of the customer in pre-defined classes of duration of customer connection time.

Claim 47 (previously presented): A billing method according to claim 43, further comprising:

updating the client profile to contain multi-dimensional functions of random variables of previous connections of the customer.

Claim 48 (previously presented): A billing method according to claim 43, wherein the determining of the customer statistical characteristics includes using random variables which include at least one of connection duration time, time of day, day of the week, and geographic characteristics of previous connections.

Claim 49 (previously presented): A billing method according to claim 43, wherein the calculating is performed before termination of the new connection.

Claim 50 (previously presented): A billing method according to claim 43, further comprising:

informing the customer of said usage fee before establishment of the new connection; and

allowing the customer to interrupt the establishment of the new connection based on the informing.

Claim 51 (previously presented): A method for determining usage fees in a telecommunications network, comprising:

generating an overall client profile based on random variables associated with previous connections of a plurality of customers of the telecommunications network;

generating a customer client profile for a customer of the telecommunications network based on the overall client profile;

requesting a new connection by the customer;

determining a usage fee for the new connection based on the customer client profile;

establishing the new connection;

debiting the usage fee from a pre-paid amount before the new connection is terminated;

determining random variables associated with the new connection; and

modifying the customer client profile based on the random variables associated with the new connection.

Claim 52 (previously presented): The method of claim 51, wherein the generating of the overall client profile further includes generating an overall client traffic distribution.

Claim 53 (previously presented): The method of claim 52, wherein the generating of the overall client profile further includes determining, based on the overall client traffic distribution, at least one of a mean value, a variance, a class, a moving average, and a distribution in a pre-defined class.

Claim 54 (previously presented): The method of claim 51, wherein the determining of the usage fee is performed by a customer telecommunications device.

Claim 55 (previously presented): The method of claim 51, wherein the determining of the usage fee includes determining revenue figures associated with the previous connections of the plurality of customers.

Claim 56 (previously presented): The method of claim 55, wherein the determining of the revenue figures includes determining a mean time-per-connection and a mean revenue-per-connection.

Claim 57 (previously presented): The method of claim 51, further comprising:

storing the overall client profile and the customer client profile in a customer telecommunications device.

Claim 58 (previously presented): The method of claim 51, further comprising:

storing the overall client profile and the customer client profile on an SIM card.

Claim 59 (previously presented): The method of claim 51, further comprising:

requesting a second new connection; and

determining a second usage fee for the second new connection based on the modified customer client profile.

Claim 60 (previously presented): The method of claim 51, further comprising:

comparing the usage fee with an available pre-paid amount, wherein the establishing occurs when the available pre-paid amount exceeds the usage fee.